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| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE   |   | DATE: 5 September 2006 (05.09.2006)                      |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371   |   | 10/591611<br>US APP. NO. (if known):<br>Not Yet Assigned |
| INTERNATIONAL APPLICATION NO.:<br>PCT/EP2005/002270  | INTERNATIONAL FILING DATE:<br>2 March 2005 (02.03.2005) | PRIORITY DATE CLAIMED:<br>5 March 2004 (05.03.2004) GB   |
| TITLE OF INVENTION: <b>FLUOROMETER</b>   |   |  |
| APPLICANT(S) FOR DO/EO/US: McSTAY, Daniel; FORTE, Anton; THABETH, Khalid; GREENAWAY, Terrence  |   |  |
| Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |   |  |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 40px;">a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 40px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p> <p style="margin-left: 40px;">TRANSMITTAL FORM WITH FEE CALCULATION; INTERNATIONAL PUBLICATION WO 2006/007883 A1 WITH INTERNATIONAL PUBLICATION DATE 26 JANUARY 2006 (26.01.2006) WHICH CONSISTS OF 36 PAGES INCLUDING 2 COVER SHEETS CONTAINING THE ABSTRACT, 23 PAGES TEXTUAL SPECIFICATION, 7 PAGES OF 38 CLAIMS, 4 SHEETS DRAWINGS; UNEXECUTED INVENTOR'S DECLARATION; PRELIMINARY AMENDMENT WITH ATTACHMENT A TO BE EXAMINED.</p> |   |  |

ATTORNEY'S DOCKET NO: 27667U

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| <b>10/591611</b><br>U.S. APPLICATION NO.<br>(if known) not yet assigned | INTERNATIONAL APPLICATION NO.<br><br>PCT/EP2005/002270 | DATE: 5 September 2006 (05.09.2006) |
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| 21. Basic national fee ..... \$ 300<br><br>22. Examination fee<br>If the written opinion prepared by the ISA/US or the international preliminary examination report prepared by IPEA/US and all claims satisfy Provisions of PCT Article 33(1)-(4) ..... \$ 0<br>All other situations..... \$200<br><br>23. Search fee (37 CFR 1.492(b))<br>If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$ 0<br>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100<br>International Search Report prepared and provided to the Office..... \$400<br>All other situations..... \$500<br><br>___ Additional fee for specification and drawings filed in paper over 100 sheets (excluding Sequence listing or computer program listing filed in an electronic medium).<br>The fee is \$250 for each additional 50 sheets for paper or fraction thereof.<br><div style="text-align: right;"><b>TOTAL OF 21, 22 &amp; 23=</b></div> | <b>CALCULATIONS</b><br><br>\$ 300<br><br>\$ 200<br><br>\$ 400<br><br>\$ 0<br><br>\$ 900 | <b>PTO USE ONLY</b> |
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| Surcharge of \$130.00 for furnishing the oath or declaration later than ___ 20 ___ 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$ |  |
|---|----|--|

| CLAIMS  | NO. FILED | NO. EXTRA | RATE        |               |         |
|---|-----------|-----------|-------------|---------------|---------|
| TOTAL   | 38-20=    | 18        | X \$ 50.00  | \$            | 900.00  |
| INDEPENDENT   | 3 - 3=    | 0         | X \$ 200.00 | \$            | 0.00    |
| Multiple dependent claims(s) (if applicable)  |           |           | + \$360.00  | \$            | 000     |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |           |           |             | \$            | 1800.00 |
| Reduction by 2 for asserting small entity, if applicable.<br>(Note 37 CFR 1.9, 1.27, 1.28).   |           |           |             | \$            | -900.00 |
| <b>SUBTOTAL =</b>   |           |           |             | \$            | 900.00  |
| Processing fee of \$130.00 for furnishing the English translation later than ___ 20 ___ 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +              |           |           |             | \$            | 0.00    |
| <b>TOTAL NATIONAL FEE =</b>   |           |           |             | \$            | 900.00  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31).<br>\$40.00 per property + |           |           |             | \$            | 0.00    |
| <b>TOTAL FEES ENCLOSED =</b>  |           |           |             | \$            | 900.00  |
|   |           |           |             | Amount to be: |         |
|   |           |           |             | refunded      | \$      |
|   |           |           |             | charged       | \$      |

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| U.S. APPLICATION NO.<br>(if known) not yet assigned<br><b>10/591611</b> | INTERNATIONAL APPLICATION NO.<br><br>PCT/ EP2005/002270 | DATE: 5 September 006 ( 05.09.2006) |
|---|---|-------------------------------------|

a. ☒ One check in the aggregate amount of \$ 900.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$ \_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0112.

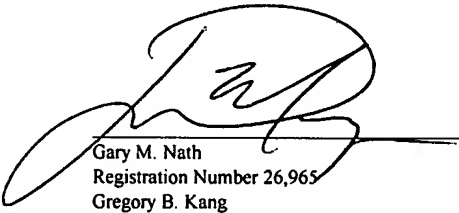
d. Fees are to be charged to a credit card \_\_\_\_ WARNING: Information on this form may become public \_\_\_\_ Credit Card Information should not be included on this form. \_\_\_\_ Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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AP20 Rec'd PCT/PTO 05 SEP 2006

MAIL STOP PCT

Attorney Docket No. 27667U

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

McSTAY, Daniel et al.

International Application No. PCT/EP2005/002270

Serial No. NOT YET ASSIGNED

International Filing Date: 2 March 2005 (02.03.2005)

Filed: September 5, 2006

For: FLUOROMETER

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

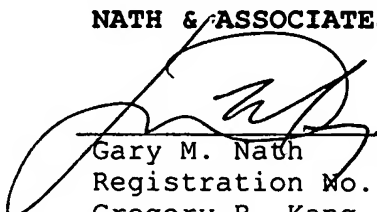
Sir:

Submitted herewith for filing in the U.S. Patent and Trademark  
Office is the following:

- (1) Transmittal Letter;
- (2) Transmittal Letter To U.S. Designated/Elected Office  
(DO/EO/US) Concerning Filing under 35 U.S.C. 371;
- (3) International Publication No: WO 2006/007883 A1 with search  
report, International Publication Date: 26 January 2006  
(26.01.2006), which consists of 36 pages including:
  - 2 cover sheets containing the Abstract;
  - 23 pages Textual Specification,
  - 7 pages of 38 Claims,
  - 4 sheets of Drawings;
- (4) **Preliminary Amendment with Attachment A to be examined;**
- (5) Unexecuted Inventor's Declaration;
- (6) Check No. 2776 \$900.00 for Government Basic National  
Stage Fee, Search Fee, Examination fee, and additional  
claims as a small entity;
- (7) Postcard for early notification of serial number.

Respectfully submitted,  
NATH & ASSOCIATES PLLC

By:

  
Gary M. Nath  
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Date: September 5, 2006  
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